

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((("5454788") or ("5908407") or ("6558401") or ("6017323")), PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/06 15:29
S2	33	catheter same guide \$1wire same balloon same obturator same fluid	US-PGPUB; USPAT	ADJ	ON	2008/07/03 08:39
S3	3	catheter same guide \$1wire same balloon same obturator same fluid and "lateral opening"	US-PGPUB; USPAT	ADJ	ON	2008/07/03 08:42
S6	601	catheter and "lateral opening"	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:03
S5	3	catheter same guide \$1wire same obturator and "lateral opening"	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:03
S4	3	catheter same guide \$1wire same balloon same obturator and "lateral opening"	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:03
S7	33	S6 and obturator	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:08
S9	102	catheter same guide \$1wire same obturator same balloon	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:33
S8	188	catheter same guide \$1wire same obturator	US-PGPUB; USPAT	ADJ	ON	2008/07/03 09:33
S10	297	((("20010041857") or ("20010049517") or ("20020035392") or ("20020151883") or ("20030018327") or ("20030023227") or ("20030171638") or ("20030171771") or ("20040054347") or ("20040078050") or ("20040098023") or ("20040098031") or ("20040181160") or ("20040186434") or ("20050085769") or ("20050090855") or ("20050107823") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:35

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S12	1527	604/96.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 14:59
S16	74	604/164.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:01
S15	662	604/164.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:01
S19	250	604/164.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:02
S18	84	604/164.07.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:02
S23	56	604/170.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:03
S22	116	604/170.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:03
S21	180	604/167.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:03
S20	34	604/166.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:03
S25	1490	604/523.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/12 15:04
S26	7	("4692139"   "5114399"   "5135484"   "5419774"   "5460610"   "5476450"   "5536242").PN.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 08:39
S27	129	604/97.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 08:49
S28	114	604/102.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 08:56
S29	1	("6679861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 09:03
S31	50	604/102.03.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:11
S30	148	604/102.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:11
S34	1179	S33 not S32	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:42
S33	1490	604/523.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:42
S32	1995	604/264.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:42
S36	3174	S32 or S33	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:53
S37	1701	S36 and (inflat\$4 or expand\$4 or balloon)	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:54

S38	1421	S36 and (inflat\$4 or expand\$4 or balloon) and catheter	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:55
S39	274	604/ 915.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 09:58
S40	1	("5163905").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 10:50
S41	70	("4385631"   "4610662"   "4637389"   "4708717"   "4790315"   "4877031"   "4909252"   "4919651"   "4924863"   "4976690"   "5090960").PN. OR ("5163905").UPFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/13 10:51
S44	325	catheter same (inflat\$4 or expand\$4 or balloon) same (obturator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/08/13 11:00
S43	6376	catheter same (inflat\$4 or expand\$4 or balloon) same (obturator or occlud \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/08/13 11:00
S42	17380	catheter and (inflat\$4 or expand\$4 or balloon) and (obturator or occlud\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/08/13 11:00
S45	1	("20020169413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 11:04
S47	9	S46 and obturator	US-PGPUB; USPAT	ADJ	ON	2008/08/13 11:22
S46	85	(US-20020169413-\$ or US-20040097880-\$ or US- 20060084910-\$ or US- 20030097094-\$ or US- 20070282255-\$ or US- 20050177103-\$ or US- 20020107479-\$ or US- 20020099332-\$ or US- 20050256565-\$ or US- 20040059290-\$ or US- 20060129095-\$ or US- 20040102734-\$ or US- 20020165486-\$ or US- 20050209579-\$ or US- 20010031982-\$ or US- 20010023333-\$).did. or (US-5908407-\$ or US- 6017323-\$ or US- 5176638-\$ or US- 5163905-\$ or US- 5090960-\$ or US- 5306249-\$ or US- 5746717-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/13 11:22



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		5868717-\$ or US-5779685-\$ or US-6755813-\$ or US-5549551-\$).did. or (US-3490457-\$).did.				
S48	1	("5163905").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 11:24
S49	2	((("5908407") or ("6558401")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 11:29
S50	1	("5868717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 11:43
S51	2	("3490457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 11:45
S52	22	catheter same (obturator with thread\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/08/13 11:51
S53	1	("5908407").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 12:26
S54	1	("5163905").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 12:57
S55	1	("5868717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 14:21
S56	1	("5971958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 15:10
S57	4	((("5908407") or ("5163905") or ("3490457")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 16:25
S63	337	604/48.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/09 15:48
S64	4	((("5908407") or ("5163905") or ("0349045")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/09 15:51
S66	111	604/99.04.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/09 16:04
S67	752	604/528.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/09 16:15
S68	86	obturator with spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/03/09 16:28
S69	56	catheter same occlud\$3 with spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/03/09 16:35
S70	10238	catheter same occlud\$3	US-PGPUB; USPAT	ADJ	ON	2010/03/09 16:40

S71	120	("4114618"   "4748982"   "4794931"   "4824434"   "4850358"   "4887606"   "4920954"   "5000185"   "5003990"   "5037387"   "5040548"   "5061267"   "5061273"   "5102403"   "5131407").PN. OR ("5306261").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/09 16:56
S73	323	604/284.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/09 17:14
S75	68	("2221138"   "3572333"   "3612058"   "4257421"   "4345602"   "4362163"). PN. OR ("4504268"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/09 17:16
S74	1	("4504268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/09 17:16
S77	0	("349045").URPN.	USPAT	ADJ	ON	2010/03/09 17:30
S76	0	("349045").URPN.	USPAT	ADJ	ON	2010/03/09 17:30
S78	17	("3490457").URPN.	USPAT	ADJ	ON	2010/03/09 17:31
S79	96	("0625382"   "0679671"   "0827193"   "1621159"   "2586553"   "3490457"   "3868956"   "3968800"   "4168709"   "4292961"   "4320762"   "4427000"   "4445892"   "4522195"   "4543090"   "4585000"   "4601705"   "4692139"   "4758222"   "4777799"   "4781682"   "4790624"   "4791913"   "4919133"   "5025799"   "5034001"). PN. OR ("5135517"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/09 17:38
S80	123	604/102.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 09:15
S83	308	S80 or S81 or S82	US-PGPUB; USPAT	ADJ	ON	2010/03/10 09:16
S82	52	604/102.03.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 09:16
S81	151	604/102.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 09:16
S84	82	604/164.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 10:33

S85	27	("3000380"   "3826256"   "4014333"   "4224943"   "4311139"   "4475902"   "4540411"   "4874379"   "5411475"   "5443454"   "5470316"   "5586553"   "5669883"   "5695480"   "5755658"   "5785642"   "5813411"   "5958444"   "5976110"   "6071230"   "6146373"   "6234955"   "6254586"   "6258055"   "6336915"   "6676643"). PN. OR ("6979317"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/10 10:36
S86	1	("6447484").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 10:52
S87	12	("4129129"   "4589868"   "4619643"   "5045075"   "5333614"   "5387197"   "5540711"   "5823956"   "5924424").PN. OR ("6447484").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/10 10:53
S88	48	("3598126"   "3734083"   "4129129"   "4350161"   "4362163"   "4451252"   "4543087"   "4545374"   "4589868"   "4596548"   "4619643"   "4639252"   "4675004"   "4784651"   "4795439"   "4804359"   "4808158"   "4846806"   "4973321"   "5045075"   "5160325"   "5180387"   "5201712"   "5333614"   "5348536"   "5374245"   "5387197"   "5395330"   "5451206"   "5536251"   "5540711"   "5554136"   "5556390"   "5569182"   "5624413"   "5674240"   "5682906"   "5762629"   "5799661"   "5817071"   "5823956"   "5830191"   "5868703"   "5924424"   "6146371"   "6447484"   "6645194").PN. OR ("7276055").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/10 10:55
S89	39	S88 not S87	US-PGPUB; USPAT	ADJ	ON	2010/03/10 10:56

S90	37	("0918437"   "2012363"   "2628404"   "3406685"   "3595241"   "3703899"   "4129129"   "4177814"   "4285341"   "4309994"   "4385633"   "4639252"   "4680029").PN. OR ("4808158").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/10 11:01
S93	0	S92 not S88	US-PGPUB; USPAT	ADJ	ON	2010/03/10 11:02
S92	21	S91 not S87	US-PGPUB; USPAT	ADJ	ON	2010/03/10 11:02
S91	31	("3734083"   "4129129"   "4350161"   "4451252"   "4543087"   "4589868"   "4619643"   "4639252"   "4675004"   "4795439"   "4804359"   "4808158"   "4846806"   "5045075"   "5160325"   "5201712"   "5333614"   "5348536"   "5374245"   "5387197"   "5395330"   "5451206"   "5540711"   "5554136"   "5556390"   "5569182"   "5817071"   "5823956"   "5924424"   "6146371"). PN. OR ("6645194"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/10 11:02
S94	231	604/167.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 11:43
S96	60	604/170.02.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 12:32
S95	120	604/170.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/10 12:32
S97	178	S95 or S96	US-PGPUB; USPAT	ADJ	ON	2010/03/10 12:33
S99	0	wo-99037351-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 12:36
S98	0	wo-1999037351-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 12:36
S100	2	wo-9937351-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 12:37

S103	348	catheter same (obturat\$3 or occlud\$3 or stylet) with ((prevent\$3) with (fluid or liquid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 13:36
S102	2196	(obturat\$3 or occlud\$3 or stylet) with ((prevent\$3) with (fluid or liquid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 13:36
S101	12167	(obturat\$3 or occlud\$3 or stylet) with (prevent\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/10 13:36
S104	1	("5868717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 14:59
S106	13	catheter same (obturator or stylet) with spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/03/10 15:00
S107	297	((("20010041857") or ("20010049517") or ("20020035392") or ("20020151883") or ("20030018327") or ("20030023227") or ("20030171638") or ("20030171771") or ("20040054347") or ("20040078050") or ("20040098023") or ("20040098031") or ("20040181160") or ("20040186434") or ("20050085769") or ("20050090855") or ("20050107823") or ("20050177094") or ("20050203568") or ("20050209629") or ("20050288551") or ("20060100661") or ("20060105014") or ("20060224180") or ("20060241686") or ("20060253071") or ("20060276805") or ("20070055132") or ("20070191884") or ("20070261699") or ("20080045881") or ("20080045924") or ("20080051803") or ("20080065004") or ("20080097584") or ("20080132829") or ("20080146918") or ("20080188892") or	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 15:07

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**EAST Search History (Interference)**

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